

The writer obtained good result, when he washed the specimen carefully and cultured in deep Petri dishes with some quantity of water. In suitable season for fruiting, the vegetative filaments of alga grew and produced sexual organs within a few weeks.

3. According to the previous workers, *Vaucheria aversa* Hassall are included in the section Tubuligerae, by means of slit-type opening of the antheridium.

But the writer observed in his specimen they open by a terminal pore. Therefore, he proposes that *V. aversa* should be included rather in the section Woroninia.

4. *Vaucheria sessilis* was divided in several forms according to the types of the oogonial beak and axis, that is the beaks or the axes direct in various angles to the filament. In our specimens, the writer sometimes observed transitional types of the oogonial beaks or axes, even on the same filament.

So, it seems that the validity of some varieties and forms of the algae should be reconsidered after more cultural studies.

About the fruiting branch and the oogonial pedicel of *Vaucheria geminata*, the author also observed transitional types in Japanese specimens. He hopes more studies in the near future, if *V. geminata* and its varieties should be individual forms or strains of a single species.

□ **Index Speciminum Typicorum in Herbariis Japonensibus.** Pars Pteridophyta, 1-58. 1959.

数年来文部省学術資料分科委員会の下で多くの学者の協力をえて、日本国内にある基準標本の所在調査が行われてきたが、ここにその第一報が公表された。本編は伊藤洋博士の編集によるシダ植物の部で、1957年までに発表された基準標本約700点がふくまれている。この目録には各項目ごとに学名、原出典、基準標本の種類、産地、採集者、採集年月日と、それを所蔵する研究機関名が略号で列記されている。研究者は誰でもこのようなものがあれば研究上便利であると考えているのだが、その実現には大変な努力があるので、まだ世界のどの国でもまとめられていないが、日本でその先鞭をつけたことは誠に喜ばしい。著者は文部省、発行者は日本学術振興会となつていて、丸善で260円で発売されている。(原 寛)

□ 正誤表 (Errata) vol. 34 No. 1: 30 fig. 1 の scale は
正 (read) $\times 6.6$, 誤 (instead of) $\times 10$.